Gulf of Mexico Harmful Algal Bloom Bulletin

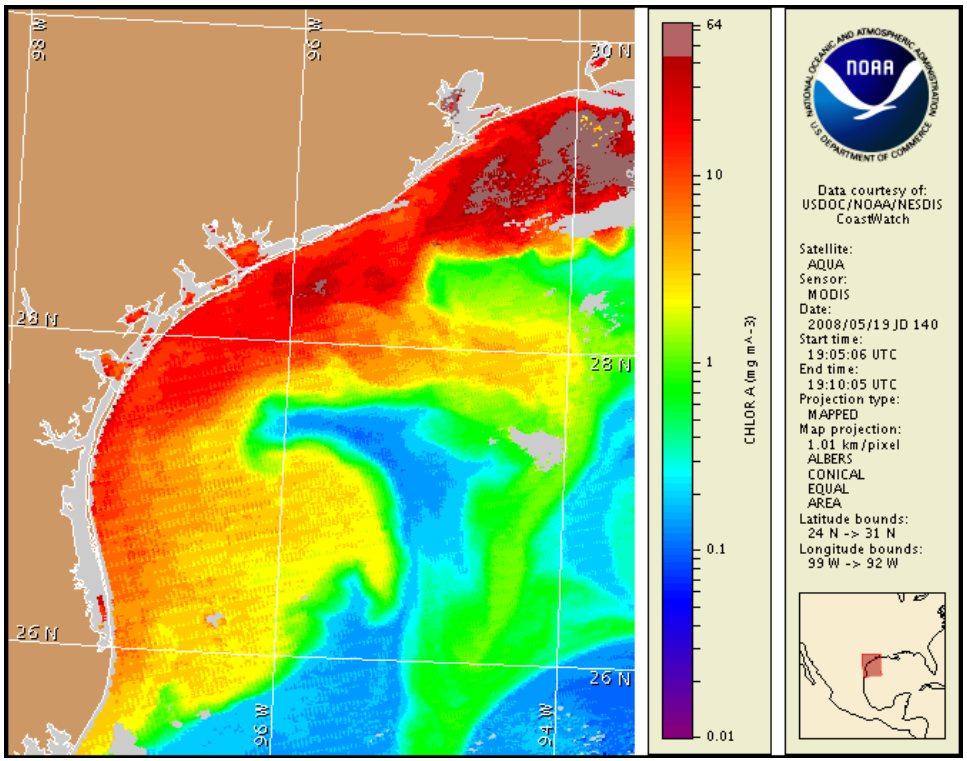
Region: Texas

20 May 2008

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: May 7, 2008



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from May 10 to 19 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

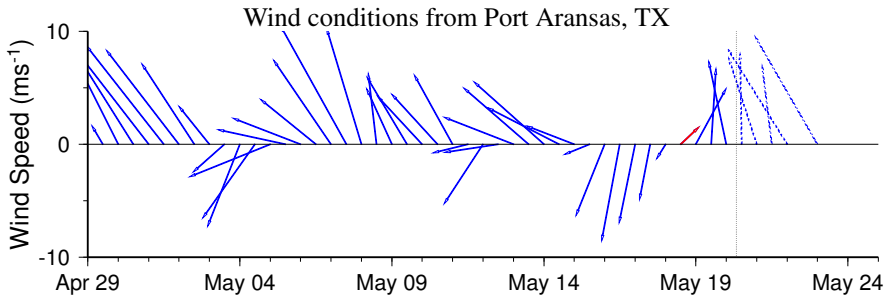
Conditions Report

There are no reports of harmful algae at this time. No impacts are expected.

Analysis

There is a large area of elevated chlorophyll along the entire Texas coast possibly related to a combination of high Mississippi River flow, wind-induced resuspension, and/or a non-harmful algal bloom. Strong south, southeast winds through the week may continue to produce resuspension and discolored water that are not related to harmful algae.

-Lopez, Jewett

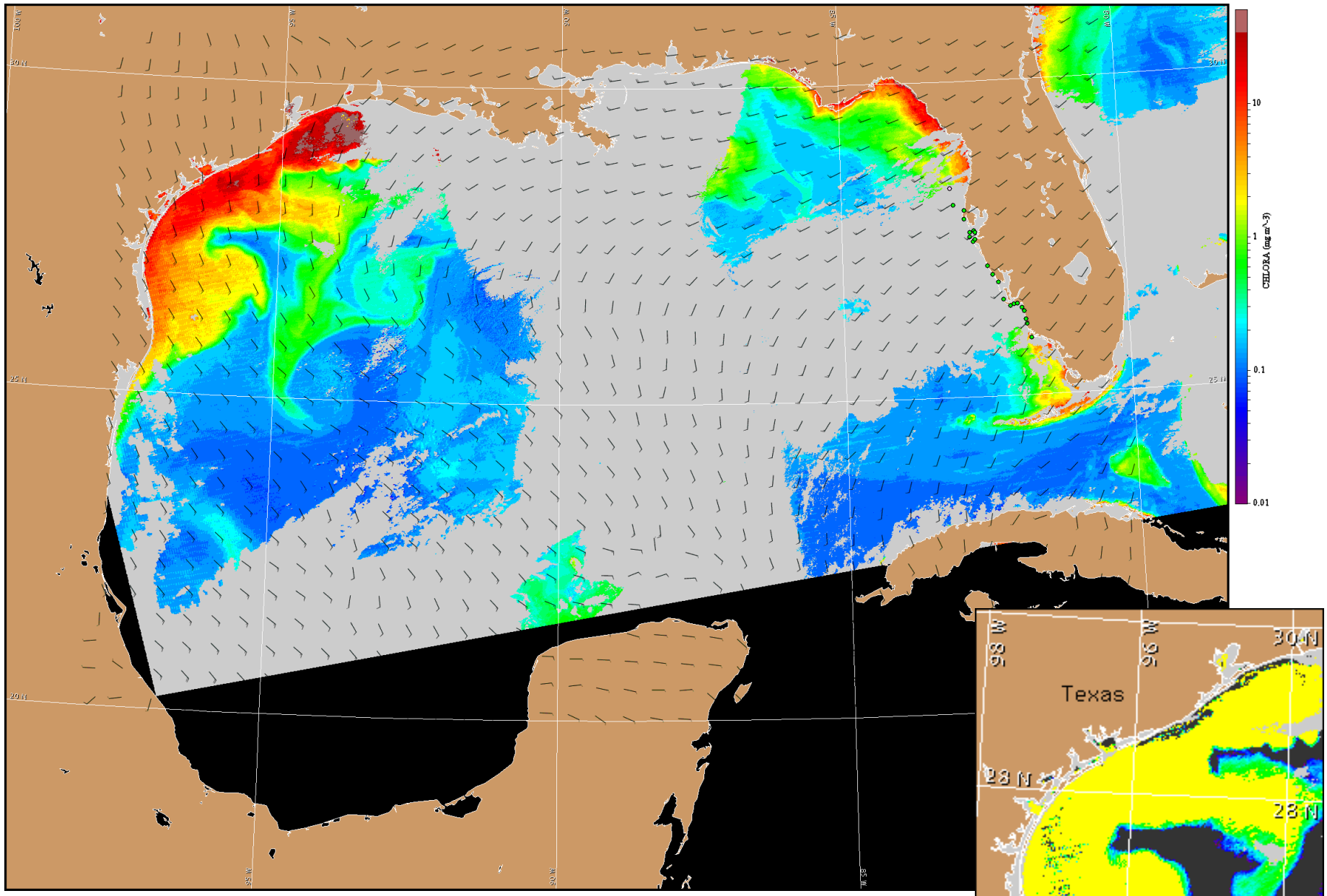


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Wind Analysis

Today, southeast winds 15 to 20 knots increasing to 20-25 knots Wednesday night and Thursday.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: http://coastwatch.noaa.gov/hab/bulletins_ns.htm



Satellite chlorophyll image and forecast winds for May 21, 2008 12Z with Cell concentration sampling data from May 10 to 19 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).